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Waste Site Reclassification Form

Date Submitted: 9/1/1999	Operable Unit(s): 200-CW-2	Control Number: 99-077
Originator: B. H. Ford	Waste Site ID: UPR-200-W-13	
Phone: 372-9176	Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an unplanned release associated with the 207-S Retention Basin and the 216-S-17 Pond. During November 1992, a leak in the Oxidizer Vessel (H-4) steam coil at the REDOX Facility caused further gross contamination of the 207-S Retention Basin and the "swamp area outside the 200 West Area". In a three day period, the dose rate 15 centimeters (6 inches) over the inlet water stream to the pond increased from 6 millireps/hour to 700 millireps/hour (1 rep is roughly equivalent to 1 rad).

RECEIVED
APR 21 2000**EDMC****Basis for reclassification:**

This site is recognized as an unplanned release unit that requires cleanup action. The contamination from this release is contained within the 207-S Basin and 216-S-17 Pond. This release has been consolidated with the 207-S Retention Basin and will be dispositioned with that site. Information regarding this release will also be used as supporting descriptive information to the 216-S-17 Pond.

BRYAN L. FOLEY *Bryan L. Foley* 1/26/00
DOE Project Manager Signature Date

Douglas R. Sherwood *Douglas R. Sherwood* 1/25/00
Ecology Project Manager Signature Date
EPA Project Manager Signature Date

Waste Information Data System

General Summary Report

10/7/1999

Site Code: UPR-200-W-13

Site Classification: Accepted

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Site Names: UPR-200-W-13, Liquid Release from REDOX to 207-S and 216-S-17 Pond, UN-200-W-13

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

Operable Unit: 200-CW-2

Coordinates:

Hanford Area: 200W

(E) 566978.75

(N) 133894.734

Washington State Plane

Site Description: The site is an unplanned release associated with the 207-S Retention Basin and the 216-S-17 Pond (REDOX Swamp). Both the pond and the basin are surface stabilized and posted as "Underground Radioactive Material". Site UPR-200-W-13 has been consolidated with the 207-S Retention Basin.

Location Description: The 207-S Retention Basin is located approximately 366 meters (1,200 feet) due west of the 222-S Laboratory in the 200 West Area. The 216-S-17 Pond is located southwest of the 207-S Retention Basin, outside the 200 West fence.

Associated Structures: The release is associated with the REDOX facility (202-S), the 207-S Retention Basin, and the 216-S-17 Pond.

Site Comment: The 216-S-17 Pond was the only pond receiving REDOX process cooling water when the release occurred. The pond was used from 1951 to 1954 and was taken out of service because it exceeded contamination limits.

The 216-S-17 Pond was interim stabilized in 1984 and posted with "Underground Radioactive Material" signs. The 207-S Retention Basin was stabilized in 1993 and posted with "Underground Radioactive Material" signs.

Release Description: During November 1952, a leak in the Oddizer Vessel (H-4) steam coil at the REDOX Facility caused further gross contamination of the 207-S Retention Basin and the "swamp area outside the 200 West Area". The process was shut down at the end of the month for replacement of the leaking coil.

References:

1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.
2. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.
3. Nancy Homan to Mike Crammer, 9/12/88, DSI: Additions, Deletions and Changes to the WIDS Database.
4. Deford, D.H., R.W. Carpenter, 1995, S-Plant Aggregate Area Management Study Technical Baseline Report, BHI-00176.
5. Compiled by Department Managers, 12/23/52, Hanford Works Monthly Report for November 1952, HW-26378.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40

Confirmed By Program: Yes

DOE Division: RPD - Restoration Projects Division

Responsible

Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

This Site Was Consolidated With:

207-S, REDOX Retention Basin, 207-S Retention Basin

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: CERCLA Past Practice (CPP)
TPA Appendix: C

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Radioactive
Physical State: Liquid
Start Date: 1952
Reported Date: 1952
End Date: 1952
Description: In a three day period, the dose rate 15 centimeters (6 inches) over the inlet water stream to the pond increased from 6 millireps/hour to 700 millireps/hour.
The acronym "rep" stands for Roentgen equivalent physical. One rep equals 95 ergs/gram (0.0095 joules/kilogram). One rep is roughly equivalent to 1 rad.
References: 1. Ray Johnson, 11/8/91, Comments on the 1992 Hanford Site Waste Management Units Report Draft.
2. Compiled by Department Managers, 12/23/52, Hanford Works Monthly Report for November 1952, HW-26376.

Images:

Date Taken: 3/4/98
Pathname: \\bh002\lead-img\200W\1441\1441_01.JPG
Description: This photo shows the backfilled and stabilized 207-S basin.